



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 4:10 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 277 Const Calendar Day: 953 Date: 18-Apr-2012 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:45 AM 06:30 PM Break: 00:30 Over Time: 03:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:

Diary:

Dispute

Cable Compaction

2012-04-18

Overview of work today:

Cable compaction continued today in the North main-span. Also, compactor #1 was installed atop the North side-span. See below for a list of labor for this work.

- I arrived at the pier 7 office at 06:45, & was on the bridge at 07:05.

Cable Compaction – North main-span:

- From 07:00 until 07:45, the crews were being trained in how to install the seizing bands.
- At 07:45, compaction continued down the span from PP44.2, where they stopped at the end of the day yesterday.
- I periodically checked the pressures during compaction, & kept an eye on the wires while the compaction shoes were extending to make sure that they do not pinch any wires.
- From 12:00 until 12:30, we had a meeting at the Caltrans connex box to discuss compaction tolerances & buy-off of measurements. The measurements are to be taken at 20 degrees from vertical & horizontal. Also, the tolerances in the submittal are to be strictly applied at Cable band areas. In areas outside of Cable bands, the tolerances are to be more broadly applied while looking more broadly at the quality of the compacted Cable.
- Note on strap numbering system: the seizing bands (straps) are numbered with the panel point number, & a simple sequence starting at #1. For example, strap #44-1 is the first strap at PP44, & then the strap numbers increase 44-2, 44-3, etc. When they get to the next panel point down the span, the numbering is then 46-1 (first strap at PP46).
- Note: At strap #44-8, I made some measurements under load. With jack pressures ranging between 8000 to 9000 psi, the height was 775mm & the width was 780mm. After releasing the load, the height was 781mm & the width was 791mm.
- Generally speaking, compaction continued today without any incidents.
- At the end of the shift, they had progressed to strap #46-4. I met with ABF Engineer Andre Markarian, & I signed the buy-off sheet for the work done today. All areas were acceptable with one exception. The compacted area at PP44 (Cable band area) was listed as “under review” since it is currently being discussed at the Cable Acceleration Team meeting.

The readings below were measurements taken by me on at the strap locations. They are after the load was released, & at a 20 degree rotation.

Strap 44-1: Height = 775mm - Width = 804mm - Cable band



Daily Diary Report by Bid Item

Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 277 **Date:** 18-Apr-2012 **Wednesday**

Strap 44-2: Height = 779mm - Width = 799mm - Cable band
 Strap 44-3: Height = 780mm - Width = 795mm - Cable band
 Strap 44-4: Height = 778mm - Width = 793mm
 Strap 44-5: Height = 782mm - Width = 795mm
 Strap 44-6: Height = 780mm - Width = 795mm
 Strap 44-7: Height = 782mm - Width = 792mm
 Strap 44-8: Height = 781mm - Width = 791mm
 Strap 44-9: Height = 779mm - Width = 790mm
 Strap 44-10: Height = 782mm - Width = 788mm
 Strap 44-11: Height = 779mm - Width = 788mm
 Strap 46-1: Height = 776mm - Width = 788mm - Cable band
 Strap 46-2: Height = 778mm - Width = 790mm - Cable band
 Strap 46-3: Height = 781mm - Width = 791mm - Cable band
 Strap 46-4 was installed, but it was still under the compaction roller, so no measurement was taken.

Other work:

- From 07:00 until 10:30, compactor #1 was installed atop the North side-span. See attached photo.

- From 17:15 until 17:35, I met with Alex Schmitt at the compacted Cable to discuss some details of the compaction operation.

- At 17:45, I left the bridge.

- From 18:00 until 18:20, I talked with Roman Granados & Warren Collins to update them on the compaction operation.

- From 18:20 until 18:40, I wrote my diary for the day.

04-0120F4 Bid Item: 067 C-PWS-SUC.067 Compact Suspension Cables

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	PATRICK OLEARY	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	BARRY ROTHMAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Operator	JNM	HOWARD SCHROYER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Operator	OTH	NICOLAUS SHAFER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JACOB MECHE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	AUGIE SOLIS	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	HAYES BATISTE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	KEVIN RATCLIFF	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	CASEY LUX	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	FOR	GARY ANDERSON	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	ANTHONY COSTA	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Attachment



Daily Diary Report by Bid Item

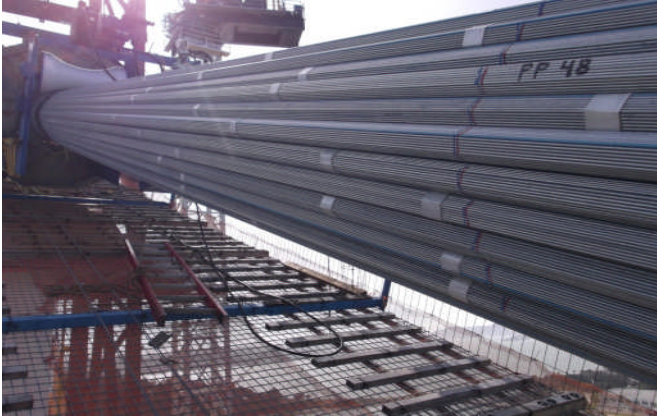
Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 277

Date: 18-Apr-2012

Wednesday



Cable band location marked out ahead of compaction



Compactor being installed atop North side-span